



NIEHS

Worker Education & Training Program Update:

October 16, 2000

**“Lessons Learned for Future Vision -
The Next Five Years”.**

**NIEHS South Campus, Rall Building 101,
Research Triangle Park, NC.**

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NIEHS

Program Overview

Joseph T. Hughes Jr., Director

Sharon D. Beard, Industrial Hygienist

Patricia P. Thompson, Program Analyst

Worker Education and Training Program, OD

&

Carolyn Mason, Grants Management Specialist, GMB

Division of Extramural Research & Training



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Overview of the WETP Agenda

- Welcome to the Next Five Years of WETP
- How to be an Effective NIEHS Awardee
- How to Use the WETP Data Management System
- Celebrating Our EPA Partnership
- Developing our Training Technology Capacity
- Operation of the New Clearinghouse
- Sharing Lessons Learned for Future Training
- Future Meetings & Next Steps

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Primary Meeting Themes

- How do we build model training programs to protect workers in high risk occupations?
- How do we create effective consortia and organizational relationships to support training delivery?
- How do we foster close collaboration between business officials and principal investigators for efficient program operations?
- How do we maintain Interagency Working Partnerships to support innovative program development?
- How do we develop our capacity for utilizing and sharing technology tools to support worker-centered learning?
- How do we share our model training programs through information dissemination, networking & communications?

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Introduction of WETP Team

- WETP/DERT/NIEHS -- Chip Hughes, Sharon Beard, Patricia Thompson and Pam Chaney
- WETP Clearinghouse -- Mike Baker, Don Elisburg, Elizabeth Newberry, Ruth Ruttenberg, John Moran & Dennis Kornegay
- TPMC -- Lynn Albert & Brian Winters
- DOE INEEL -- Richard Holman & Bob Richards

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Five Year WETP Goals

- Diffusion of NIEHS WETP awardee model programs and best practices
- Creation of national safety and health training benchmarks and guidance
- Integration of safety and health training with work practices, skills development & workplace OSH programs
- Establishment of innovative program evaluation protocols to demonstrate training effectiveness and impact
- Development of worker-centered training technology delivery to support lifelong learning, ease of accessibility & new opportunity

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Best Practices





WETP Technology Integration

- Electronic Program Administration for WETP/Awardee interface as part of the E-Gov (Electronic Government) Initiative
- Development of a shared web space for collection and storage of program information
- Interface of WETP/Awardee desktops, local area networks and web space
- Development of worker-centered technology transfer to create an E-learning platform for health and safety technical information
- Shared commitment to creating, integrating and deploying new digital tools by NIEHS, the Clearinghouse, & the awardee organizations

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NIEHS WETP: TRAINING EVALUATION COMPONENTS

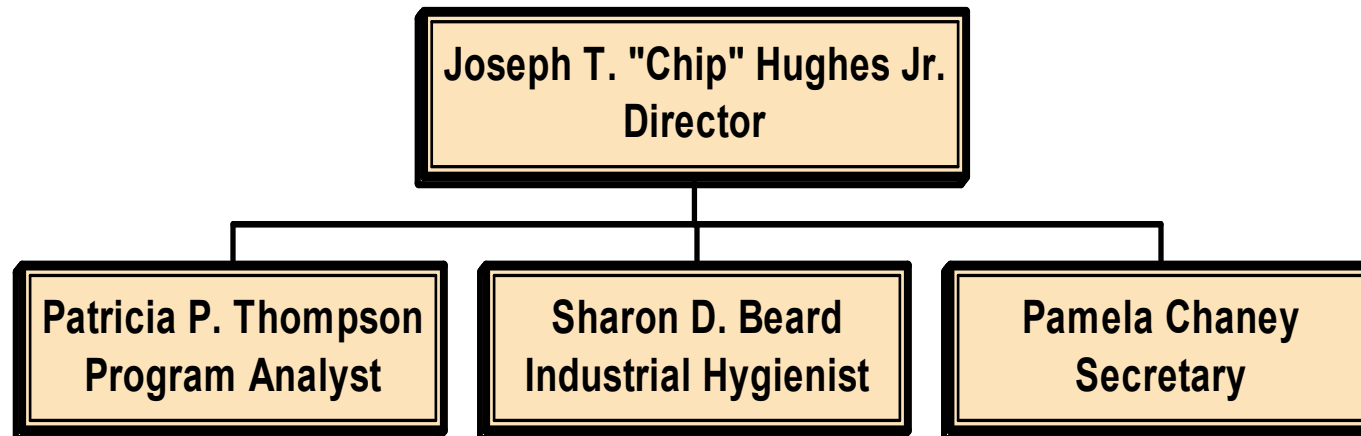
- **Competent program management**
- **Adequate training facilities**
- **Access to target population**
- **Requirement for outside evaluations of each grantee program**
- **Independent NIEHS program evaluation**
- **Effective program training plan with course evaluation**

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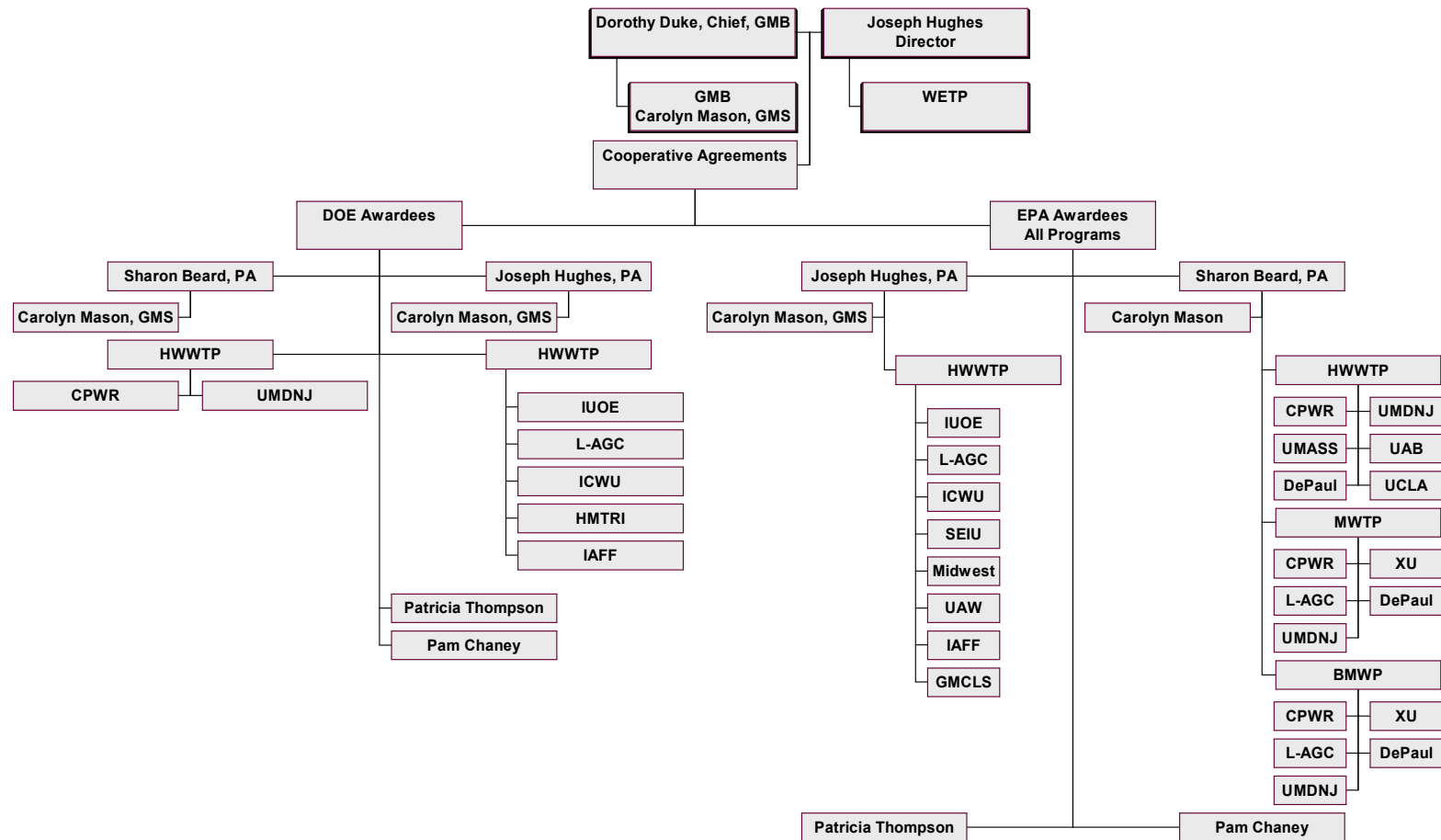
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WORKER EDUCATION AND TRAINING PROGRAM



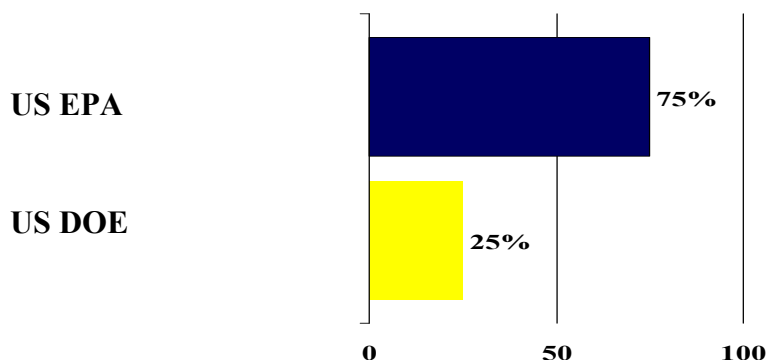
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Administration of Cooperative Agreements



Administration of WETP Cooperative Agreements September 1, 2000-August 31, 2001:

Interagency Agreements-Reimbursables



Other prior funding through interagency agreements:
Department of Transportation Hazmat Program

Program Component Data

FL: Funding level

FP: Percentage of funds
by program

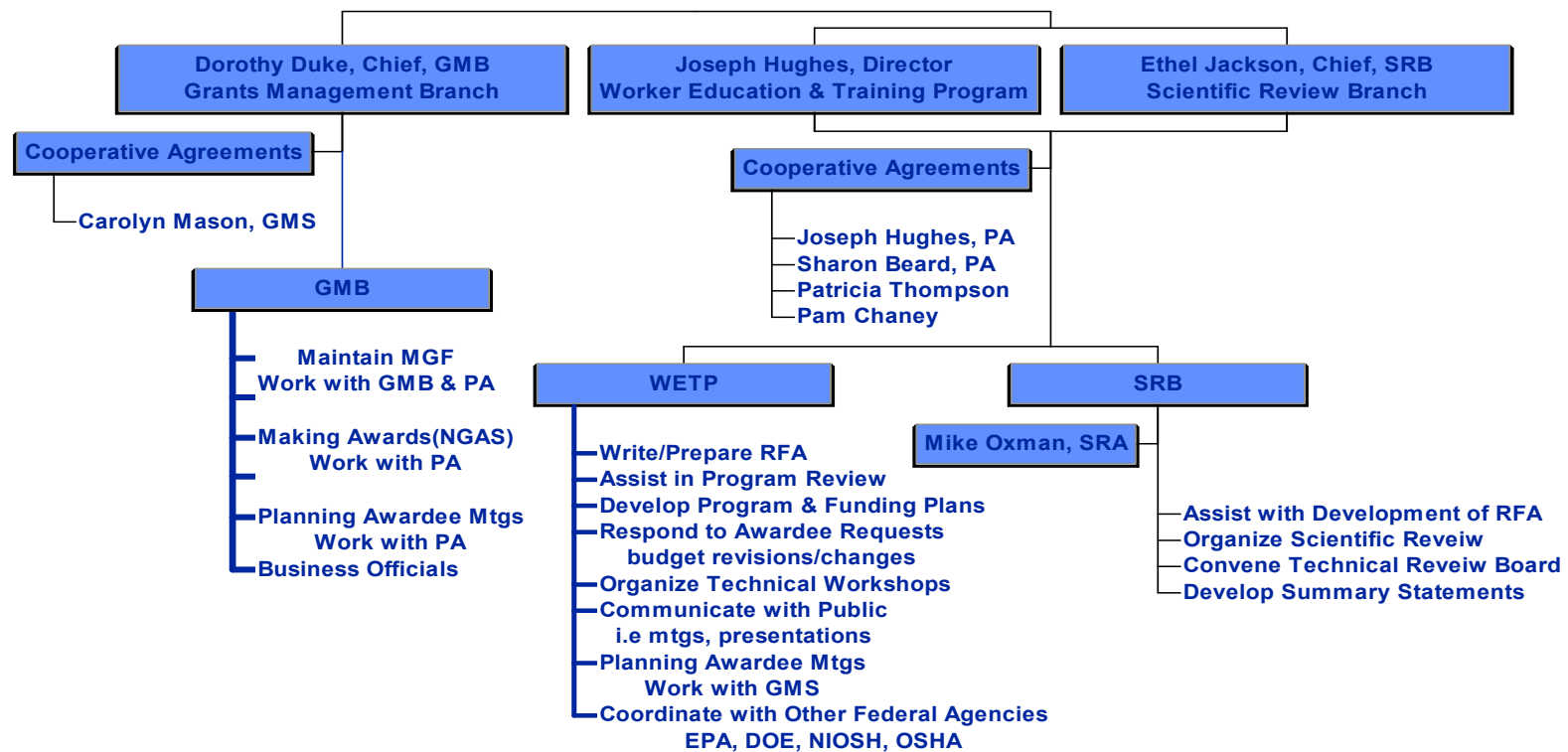
	Funding Level	Funding Percentage	Award Amounts
EPA-HWWTP	\$20M	76.9%	19M
EPA-MWTP	\$3	11.5%	\$3M
EPA-BMWTP	\$3	11.5%	\$3M
DOE-HWWTP	\$8.5	100%	\$8.1

Program Development Strategy

	<u>Awards</u>	<u>Funding Range</u>
• HWWTP Awards	17 Awardees	\$477K-\$3.96 M
• MWTP Awards	5 Awardees	\$46K -\$884K
• BMWTP Awards	5 Awardees (1 new award-UMDNJ)	\$440K-\$853K
• National Clearinghouse (OD Systems, Inc.)	1 Contract	\$600K
• INEEL & TPMC ATT & WETP Data Management System Support Contracts	2 Contracts	\$130K

	<u>'99/'00</u>	<u>'00/'01</u>	<u>Growth</u>
Funds Awarded	\$34.5M	\$34.5M	0%
Funds Requested	\$34.5 M	\$60M	25.5M

Functions & Tasks





Skill Building





EPA-HWWT

- **17 awards to:**
- UAB, UCLA, ICWU, IAFF, GMCLS, UML, LAGC, PACE, HMTRI, SEIU, UMDNJ, UAW, IUOE, MIDWEST, CPWR, AFSCME, and DEPAUL
- **Requests totaling \$45.7 million**
- **4 outstanding, 13 excellent, 1 very good, 1 good, 1 non responsive, and 1 NRFC**

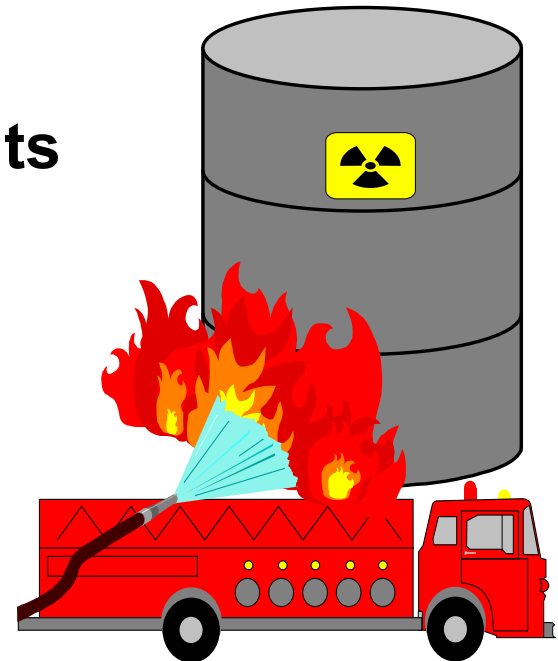




GOALS

Minority Worker Training Program and Brownfields Minority Worker Training Programs

- **Continue strong and aggressive educational and training components**
- **Stronger evaluation components**
- **Share Resources Among Programs**
- **Getting Out Accomplishments of Training -Putting a face to our training.**



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Job Training Programs under MWTP and BMWTP

Reaching out to people of
color across the US.





MWTP Component

- **5 awards to:**
 - UMDNJ, Laborers-AGC, CPWR, Xavier University, and DePaul University.
- **Programs will target 12 urban cities including New York City, NY; Newark, NJ; New Orleans & Baton Rouge, LA; Oakland & San Francisco, CA; Denver, CO; Houston, TX; New Haven, CT; Exton, PA; Chicago, IL; and Washington, DC.**

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BMWTP Component

- **5 awards to:**
 - UMDNJ, Laborers-AGC, CPWR, Xavier University, and DePaul University.
- **Programs target 17 Brownfields Communities:**
Glen Cove & New York City, NY; Atlanta, GA; Ft. Lauderdale, FL; New Orleans & Shreveport, LA; East Palo Alto & Los Angeles, CA; Salt Lake City, UT; St. Paul, MN; Lowell, & Boston, MA; Chicago, IL; Baltimore, MD; Kansas City, MO/KS; Newark, NJ and Detroit, MI.

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TWO Career Tracks

Environmental Jobs

Construction Crafts



Environmental Technician



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DOE/NIEHS Health and Safety Training Program

- **NATIONAL DEFENSE AUTHORIZATION ACT:
Section 3131**
- **Interagency Agreement with DOE to develop model
worker safety and health training programs at DOE
facilities.**
- **Support worker training for the purpose
of DOE site clean-up activities, waste management
and hazardous materials response.**

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DOE SITE SPECIFIC TRAINING

**Redundancy in
Training for DOE
Program**



**Specialized craft
specific training**

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DOE Nuclear Weapons Complex: Training Sites



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DOE Applications

- 8 awards to
 - ICWU, IAFF, LAGC, PACE, HMTRI, UMDNJ, IUOE, and CPWR
- Requests totaling \$14.5 million
- 3 outstanding, 3 excellent, 1 very good and 1 good.



NIEHS WETP: NATIONAL PROGRAM IMPACT

- **Develop model curricula & training techniques**
- **Expansion of training resources to new sectors**
- **Upgrade work practices and technical skills**
- **Diffusion of occupational safety and health knowledge**
- **Creation of new national benchmarks for quality worker safety and health training**

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NIEHS Perspectives-The Basics



What Do You Need To Know To
Be An Effective Principal
Investigator and Business Official

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Effective Leadership: Principal Investigators

- Experience in health & safety training
- Strong administrative and leadership skills-internal policies and procedures, (i.e. hiring competent & professional staff)
- Strong consortium structure, i.e. regular consortium meetings, integrated evaluation & training development
- Strong understanding of federal grants and funding process, i.e. contact with NIEHS Program Officials (Chip & Sharon)
- Strong and clear relationship with Business Official
- Assessable to program manager and other staff
- Provide resources for staff to be effective

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